

Please type a plus sign inside this box -->

PTO/SB/21 (12/97)

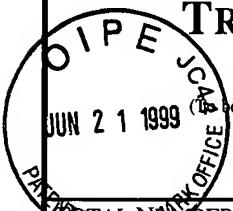
Approved for use through 09/30/00 OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

GP-3202
1722

TRANSMITTAL FORM



(To be used for all correspondence after initial filing)

NUMBER OF PAGES IN THIS SUBMISSION

7

Application Number	09/156,957
Filing Date	September 18, 1998
First Named Inventor	Benjamin N. Eldridge
Group Art Unit	3202
Examiner Name	Unassigned
Attorney Docket Number	003401.P006D

ENCLOSURES (check all that apply)

Fee Transmittal Form
 Fee Attached
 Amendment/Response
 After Final
 Extension of Time Request
 Express Abandonment Request
 Information Disclosure Statement
 Certified Copy of Priority Document(s)
 Response to Missing Parts/Incomplete Application
 Response to Missing Parts Under 37 CFR 1.52 or 1.53

Assignment Papers
 Drawings
 Licensing-related Papers
 Petition Routing Slip (PTO/SB/69) & Accompanying Petition
 Petition Checklist & Accompanying Petition
 To Convert a Provisional Application
 Power of Attorney, Revocation, Change of Correspondence Address
 Terminal Disclaimer
 Small Entity Request
 Request for Refund

After Allowance Communication Group
 Appeal Communication to Board of Appeals & Interferences
 Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
 Proprietary Information
 Status Letter
 Additional Enclosure(s) (please identify below)
 Return Receipt Postcard
 Supplemental Preliminary Amendment

RECEIVED

Remarks

JUL 01 1999
TECHNOLOGY CENTER 2800

RECEIVED

JUL 27 1999

GROUP 1 mn

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name Thomas M. Coester, Esq.

Signature Thomas Coester

Date June 16, 1999

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231-9998 on this date:

June 16, 1999

Typed or Printed Name Kelly Reeves

Kelly Reeves

Signature Kelly Reeves

Date

June 16, 1999

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<p style="text-align: center;">O P E FEE TRANSMITTAL</p> <p style="text-align: center;">JUN 21 1999</p> <p>Note: Effective October 1, 1997 Patent fees are subject to annual revision</p> <p style="text-align: center;">TOTAL AMOUNT OF PAYMENT (\$)-0-</p>		<i>Complete If Known</i>																																																																																																																																																																									
		Application Number		09/156,957																																																																																																																																																																							
		Filing Date		September 18, 1998																																																																																																																																																																							
		First Named Inventor		Benjamin N. Eldridge																																																																																																																																																																							
		Group Art Unit		3202																																																																																																																																																																							
		Examiner Name		Unassigned																																																																																																																																																																							
		Attorney Docket No.		003401.P006D																																																																																																																																																																							
METHOD OF PAYMENT (check one)		FEES CALCULATION (continued)																																																																																																																																																																									
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees & credit any overpayments to:		3 Additional Fees																																																																																																																																																																									
Acct # 02-2666 Acct Name Blakely Sokoloff Taylor & Zafman <input checked="" type="checkbox"/> Charge any add'l fee required under 37 CFR 1.16 & 1.17 <input type="checkbox"/> Charge issue fee set in 37 CFR 1.18 at the mailing of the Notice of Allowance		<table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Code</th> <th>Fee (\$)</th> <th>Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge-late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge-late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2520</td> <td>147</td> <td>2520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1840*</td> <td>113</td> <td>1840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within 1st month</td> <td></td> </tr> <tr> <td>116</td> <td>380</td> <td>216</td> <td>190</td> <td>Extension for reply within 2nd month</td> <td></td> </tr> <tr> <td>117</td> <td>870</td> <td>217</td> <td>435</td> <td>Extension for reply within 3rd month</td> <td></td> </tr> <tr> <td>118</td> <td>1360</td> <td>218</td> <td>680</td> <td>Extension for reply within 4th month</td> <td></td> </tr> <tr> <td>128</td> <td>1850</td> <td>228</td> <td>925</td> <td>Extension for reply within 5th month</td> <td></td> </tr> <tr> <td>119</td> <td>300</td> <td>219</td> <td>150</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>300</td> <td>220</td> <td>150</td> <td>Filing a brief in support of appeal</td> <td></td> </tr> <tr> <td>121</td> <td>260</td> <td>221</td> <td>130</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1510</td> <td>138</td> <td>1510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to Revive-unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1210</td> <td>241</td> <td>605</td> <td>Petition to Revive-unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1210</td> <td>242</td> <td>605</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>430</td> <td>243</td> <td>215</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>580</td> <td>244</td> <td>290</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126</td> <td>240</td> <td>126</td> <td>240</td> <td>Submission of IDS</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property</td> <td></td> </tr> <tr> <td>146</td> <td>760</td> <td>246</td> <td>380</td> <td>Filing a submission after final rejection</td> <td></td> </tr> <tr> <td>149</td> <td>760</td> <td>249</td> <td>380</td> <td>For each add'l invention to be examined</td> <td></td> </tr> </tbody> </table>				Large Entity		Small Entity		Fee Description	Fee Paid	Code	Fee (\$)	Code	Fee (\$)	105	130	205	65	Surcharge-late filing fee or oath		127	50	227	25	Surcharge-late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2520	147	2520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1840*	113	1840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within 1st month		116	380	216	190	Extension for reply within 2nd month		117	870	217	435	Extension for reply within 3rd month		118	1360	218	680	Extension for reply within 4th month		128	1850	228	925	Extension for reply within 5th month		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a brief in support of appeal		121	260	221	130	Request for oral hearing		138	1510	138	1510	Petition to institute a public use proceeding		140	110	240	55	Petition to Revive-unavoidable		141	1210	241	605	Petition to Revive-unintentional		142	1210	242	605	Utility issue fee (or reissue)		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of IDS		581	40	581	40	Recording each patent assignment per property		146	760	246	380	Filing a submission after final rejection		149	760	249	380	For each add'l invention to be examined	
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																						
Code	Fee (\$)	Code	Fee (\$)																																																																																																																																																																								
105	130	205	65	Surcharge-late filing fee or oath																																																																																																																																																																							
127	50	227	25	Surcharge-late provisional filing fee or cover sheet																																																																																																																																																																							
139	130	139	130	Non-English specification																																																																																																																																																																							
147	2520	147	2520	For filing a request for reexamination																																																																																																																																																																							
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																							
113	1840*	113	1840*	Requesting publication of SIR after Examiner action																																																																																																																																																																							
115	110	215	55	Extension for reply within 1st month																																																																																																																																																																							
116	380	216	190	Extension for reply within 2nd month																																																																																																																																																																							
117	870	217	435	Extension for reply within 3rd month																																																																																																																																																																							
118	1360	218	680	Extension for reply within 4th month																																																																																																																																																																							
128	1850	228	925	Extension for reply within 5th month																																																																																																																																																																							
119	300	219	150	Notice of Appeal																																																																																																																																																																							
120	300	220	150	Filing a brief in support of appeal																																																																																																																																																																							
121	260	221	130	Request for oral hearing																																																																																																																																																																							
138	1510	138	1510	Petition to institute a public use proceeding																																																																																																																																																																							
140	110	240	55	Petition to Revive-unavoidable																																																																																																																																																																							
141	1210	241	605	Petition to Revive-unintentional																																																																																																																																																																							
142	1210	242	605	Utility issue fee (or reissue)																																																																																																																																																																							
143	430	243	215	Design issue fee																																																																																																																																																																							
144	580	244	290	Plant issue fee																																																																																																																																																																							
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																							
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																							
126	240	126	240	Submission of IDS																																																																																																																																																																							
581	40	581	40	Recording each patent assignment per property																																																																																																																																																																							
146	760	246	380	Filing a submission after final rejection																																																																																																																																																																							
149	760	249	380	For each add'l invention to be examined																																																																																																																																																																							
Fee Calculation																																																																																																																																																																											
1. Filing Fee																																																																																																																																																																											
<table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Code</th> <th>Fee (\$)</th> <th>Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>760</td> <td>201</td> <td>380</td> <td>Utility filing fee</td> </tr> <tr> <td>106</td> <td>310</td> <td>206</td> <td>155</td> <td>Design filing fee</td> </tr> <tr> <td>107</td> <td>480</td> <td>207</td> <td>240</td> <td>Plant filing fee</td> </tr> <tr> <td>108</td> <td>760</td> <td>208</td> <td>380</td> <td>Reissue filing fee</td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>75</td> <td>Provisional filing fee</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">Subtotal (1) (\$)-0-</td> <td></td> </tr> </tbody> </table>						Large Entity		Small Entity		Fee Paid	Code	Fee (\$)	Code	Fee (\$)	101	760	201	380	Utility filing fee	106	310	206	155	Design filing fee	107	480	207	240	Plant filing fee	108	760	208	380	Reissue filing fee	114	150	214	75	Provisional filing fee			Subtotal (1) (\$)-0-																																																																																																																																	
Large Entity		Small Entity		Fee Paid																																																																																																																																																																							
Code	Fee (\$)	Code	Fee (\$)																																																																																																																																																																								
101	760	201	380	Utility filing fee																																																																																																																																																																							
106	310	206	155	Design filing fee																																																																																																																																																																							
107	480	207	240	Plant filing fee																																																																																																																																																																							
108	760	208	380	Reissue filing fee																																																																																																																																																																							
114	150	214	75	Provisional filing fee																																																																																																																																																																							
		Subtotal (1) (\$)-0-																																																																																																																																																																									
2. Claims																																																																																																																																																																											
<table border="1"> <thead> <tr> <th colspan="2"></th> <th>*</th> <th>Extra</th> <th>Fee from Below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>51</td> <td>51 -</td> <td>0</td> <td>X 18</td> <td>0</td> </tr> <tr> <td>Ind. Claims</td> <td>6</td> <td>6 -</td> <td>0</td> <td>X 78</td> <td>0</td> </tr> <tr> <td colspan="5">Multiple Dependent Claims</td> <td>0</td> </tr> <tr> <td colspan="6"> <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Code</th> <th>Fee (\$)</th> <th>Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>102</td> <td>78</td> <td>202</td> <td>39</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>104</td> <td>260</td> <td>204</td> <td>130</td> <td>Multiple dependent claim</td> </tr> <tr> <td>109</td> <td>78</td> <td>209</td> <td>39</td> <td>Reissue independent claims over original patent</td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>Reissue claims in excess of 20 & over original patent</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">Subtotal (2) (\$)-0-</td> <td></td> </tr> </tbody> </table> </td> </tr> </tbody> </table>								*	Extra	Fee from Below	Fee Paid	Total Claims	51	51 -	0	X 18	0	Ind. Claims	6	6 -	0	X 78	0	Multiple Dependent Claims					0	<table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Code</th> <th>Fee (\$)</th> <th>Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>102</td> <td>78</td> <td>202</td> <td>39</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>104</td> <td>260</td> <td>204</td> <td>130</td> <td>Multiple dependent claim</td> </tr> <tr> <td>109</td> <td>78</td> <td>209</td> <td>39</td> <td>Reissue independent claims over original patent</td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>Reissue claims in excess of 20 & over original patent</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">Subtotal (2) (\$)-0-</td> <td></td> </tr> </tbody> </table>						Large Entity		Small Entity		Fee Description	Code	Fee (\$)	Code	Fee (\$)	103	18	203	9	Claims in excess of 20	102	78	202	39	Independent claims in excess of 3	104	260	204	130	Multiple dependent claim	109	78	209	39	Reissue independent claims over original patent	110	18	210	9	Reissue claims in excess of 20 & over original patent			Subtotal (2) (\$)-0-																																																																																																			
		*	Extra	Fee from Below	Fee Paid																																																																																																																																																																						
Total Claims	51	51 -	0	X 18	0																																																																																																																																																																						
Ind. Claims	6	6 -	0	X 78	0																																																																																																																																																																						
Multiple Dependent Claims					0																																																																																																																																																																						
<table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Code</th> <th>Fee (\$)</th> <th>Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>102</td> <td>78</td> <td>202</td> <td>39</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>104</td> <td>260</td> <td>204</td> <td>130</td> <td>Multiple dependent claim</td> </tr> <tr> <td>109</td> <td>78</td> <td>209</td> <td>39</td> <td>Reissue independent claims over original patent</td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>Reissue claims in excess of 20 & over original patent</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">Subtotal (2) (\$)-0-</td> <td></td> </tr> </tbody> </table>						Large Entity		Small Entity		Fee Description	Code	Fee (\$)	Code	Fee (\$)	103	18	203	9	Claims in excess of 20	102	78	202	39	Independent claims in excess of 3	104	260	204	130	Multiple dependent claim	109	78	209	39	Reissue independent claims over original patent	110	18	210	9	Reissue claims in excess of 20 & over original patent			Subtotal (2) (\$)-0-																																																																																																																																	
Large Entity		Small Entity		Fee Description																																																																																																																																																																							
Code	Fee (\$)	Code	Fee (\$)																																																																																																																																																																								
103	18	203	9	Claims in excess of 20																																																																																																																																																																							
102	78	202	39	Independent claims in excess of 3																																																																																																																																																																							
104	260	204	130	Multiple dependent claim																																																																																																																																																																							
109	78	209	39	Reissue independent claims over original patent																																																																																																																																																																							
110	18	210	9	Reissue claims in excess of 20 & over original patent																																																																																																																																																																							
		Subtotal (2) (\$)-0-																																																																																																																																																																									
RECEIVED																																																																																																																																																																											
Other fee (specify) JUL 01 1999																																																																																																																																																																											
Other fee (specify) JUL 01 1999																																																																																																																																																																											
*Reduced by Basic Filing Fee Paid TECHNOLOGY CENTER 2800																																																																																																																																																																											
Subtotal (3) (\$)-0-																																																																																																																																																																											

SUBMITTED BY			COMPLETE (if applicable)		
Name	Thomas M. Coester, Esq.		Reg. Number	39,637	
Signature	<i>Thomas M. Coester</i>		Date	6/16/99	Deposit Acct User ID

*Highest number of claims previously paid for if an amendment is being transmitted.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.